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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/589,666	06/08/2000	Baljeet Singh Baweja	AUS9-2000-0234.US1	9874

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International Business Machines Corporation
Intellectual Property Law Department
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758

EXAMINER

SMITH, PETER J

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 11/17/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/589,666

Applicant(s)

BAWEJA ET AL.

Examiner

Peter J Smith

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 June 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☒ Claim(s) 20,22 and 24 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 June 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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DETAILED ACTION

1. This action is responsive to communications: application filed on 06/08/2000, IDS filed on 09/11/2000.
2. Claims 1-34 are pending in the case. Claims 1, 4, 9, 14, 19, 21, and 23 are independent claims.

Claim Objections

Claims 20, 22, and 24 objected to because of the following informalities: Claim 20 is a system claim and depends on program claim 18. Examiner believes Applicant intended claim 20 to be dependent on claim 19 and has treated it as such. Claim 22 is a method claim and depends on system claim 20. Examiner believes Applicant intended claim 22 to be dependent on claim 21 and has treated it as such. Claim 24 is a system claim and depends on system claim 22. Examiner believes Applicant intended claim 24 to be dependent on claim 23 and has treated it as such. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-34 are rejected under 35 U.S.C. 102(e) as being anticipated by Kikinis, US 6,076,109 filed 01/30/1997.

Regarding independent claim 1, Kikinis discloses HTML, a first set of natural language data, with a first set of tags, conveying a first version of the information of a particular content displayable to users at said display stations in fig. 4 and col. 2 lines 32-67. Kikinis discloses HTL, a condensed version of HTML and thus a second set of natural language data, with a second set of tags, conveying a second version of condensed displayable information of the same particular content displayable to users of personal palm-type display computers connected to remote locations in fig. 4 and col. 2 lines 32-67.

Regarding dependent claims 2 and 3, Kikinis discloses natural language data which comprises text and image data in fig. 4 and col. 10 lines 37-40.

Regarding independent claim 4 and dependent claim 5, Kikinis discloses HTML, a first set of natural language data, with a first set of tags, conveying a first version of the information of a particular content displayable to users at said display stations in fig. 4 and col. 2 lines 32-67. Kikinis discloses HTL, a condensed version of HTML and thus a second set of natural language data, with a second set of tags, conveying a second version of condensed displayable information of the same particular content displayable to users of personal palm-type display computers connected to remote locations in fig. 4 and col. 2 lines 32-67. Kikinis discloses a means for accessing the second set of natural language data from a received Hypertext Markup Language document in fig. 4 and col. 2 lines 32-67.

Regarding dependent claim 6, Kikinis discloses a browser associated with the personal palm computer and a means responsive to the second set of tags to transmit the second set of

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natural language data to the personal palm computer in fig. 4, col. 2 lines 32-67, and col. 8 lines 16-52.

Regarding dependent claim 7, Kikinis discloses a receiving display station associated with a personal palm-type display computer and a means whereby the personal palm computer accesses the World Wide Web through the receiving display station in fig. 4, col. 2 lines 32-67 and col. 8 lines 16-52.

Regarding dependent claim 8, Kikinis discloses a means responsive to said second set of tags to transmit the second set of natural language data to the personal palm computer in fig. 4, col. 2 lines 32-67, and col. 8 lines 16-52.

Regarding independent claim 9 and dependent claim 10, Kikinis discloses HTML, a first set of natural language data, with a first set of tags, conveying a first version of the information of a particular content displayable to users at said display stations in fig. 4 and col. 2 lines 32-67. Kikinis discloses HTL, a condensed version of HTML and thus a second set of natural language data, with a second set of tags, conveying a second version of condensed displayable information of the same particular content displayable to users of personal palm-type display computers connected to remote locations in fig. 4 and col. 2 lines 32-67. Kikinis discloses a means for accessing the second set of natural language data from a received Hypertext Markup Language document in fig. 4 and col. 2 lines 32-67.

Regarding dependent claim 11, Kikinis teaches accessing the World Wide Web through a browser including the step of transmitting the second set of natural language data to a personal palm computer responsive to the second set of tags in fig. 4, col. 2 lines 32-67, and col. 8 lines 16-52.

Regarding dependent claim 12, Kikinis discloses accessing the World Wide Web by a personal palm computer through an associated receiving display station in fig. 4, col. 2 lines 32-67, and col. 8 lines 16-52.

Regarding dependent claim 13, Kikinis discloses transmitting a second set of natural language data to a personal palm computer responsive to a second set of tags in fig. 4, col. 2 lines 32-67, and col. 8 lines 16-52.

Regarding independent claim 14 and dependent claim 15, Kikinis discloses HTML, a first set of natural language data, with a first set of tags, conveying a first version of the information of a particular content displayable to users at said display stations in fig. 4 and col. 2 lines 32-67. Kikinis discloses HTL, a condensed version of HTML and thus a second set of natural language data, with a second set of tags, conveying a second version of condensed displayable information of the same particular content displayable to users of personal palm-type display computers connected to remote locations in fig. 4 and col. 2 lines 32-67. Kikinis discloses a means for accessing the second set of natural language data from a received Hypertext Markup Language document in fig. 4 and col. 2 lines 32-67.

Regarding dependent claim 16, Kikinis discloses a means responsive to a second set of tags to transmit a second set of natural language data to a personal palm computer in col. 8 lines 16-52.

Regarding dependent claim 17, Kikinis discloses a receiving display station associated with a personal palm-type display computer and a means whereby the personal palm computer accesses the World Wide Web through a receiving display station in fig. 4 and col. 2 lines 32-67.

Regarding dependent claim 18, Kikinis discloses a means responsive to a second set of tags to transmit a second set of natural language data to a personal palm computer in fig. 4, col. 2 lines 32-67, and col. 8 lines 16-52.

Regarding independent claim 19 and dependent claim 20, Kikinis discloses HTML, a first set of natural language data, with a first set of tags, conveying a first version of the information of a particular content displayable to users at said display stations in fig. 4 and col. 2 lines 32-67. Kikinis discloses HTL, a condensed version of HTML and thus a second set of natural language data, with a second set of tags, conveying a second version of condensed displayable information of the same particular content displayable to users of personal palm-type display computers connected to remote locations in fig. 4 and col. 2 lines 32-67.

Regarding independent claim 21 and dependent claim 22, Kikinis discloses HTML, a first set of natural language data, with a first set of tags, conveying a first version of the information of a particular content displayable to users at said display stations in fig. 4 and col. 2 lines 32-67. Kikinis discloses HTL, a condensed version of HTML and thus a second set of natural language data, with a second set of tags, conveying a second version of condensed displayable information of the same particular content displayable to users of personal palm-type display computers connected to remote locations in fig. 4 and col. 2 lines 32-67.

Regarding independent claim 23 and dependent claim 24, Kikinis discloses HTML, a first set of natural language data, with a first set of tags, conveying a first version of the information of a particular content displayable to users at said display stations in fig. 4 and col. 2 lines 32-67. Kikinis discloses HTL, a condensed version of HTML and thus a second set of natural language data, with a second set of tags, conveying a second version of condensed

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displayable information of the same particular content displayable to users of personal palm-type display computers connected to remote locations in fig. 4 and col. 2 lines 32-67. Kikinis discloses a means for accessing the second set of natural language data from a received Hypertext Markup Language document in fig. 4 and col. 2 lines 32-67.

Regarding dependent claims 25-28, Kikinis discloses at least one additional set of natural language data conveying an additional version of condensed displayable information of the same particular content displayable to users of other personal palm-type display computers connected to remote locations and at least one additional set of tags identifying at least one additional set of natural language data in fig. 4 and col. 2 lines 32-67.

Regarding dependent claims 29-32, Kikinis discloses a first set of natural language data which includes a portion of a second set of natural language data in fig. 4 and col. 2 lines 32-67.

Regarding dependent claim 33, Kikinis discloses a proxy server associated with a browser for transmitting proxy condensed versions of Web HTML document to personal palm-type computer and a means for overriding proxy servers to thereby permit the accessing by palm-type computers of a second set of natural language data conveying a second version of condensed displayable data in fig. 4 and col. 2 lines 32-67.

Regarding dependent claim 34, Kikinis discloses normally providing a condensed version of Web HTML documents to personal palm-type computers and overriding proxy servers to thereby permit the accessing by palm-type computer of a second set of natural language data conveying a second version of condensed displayable data in fig. 4 and col. 2 lines 32-67.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. *HDML 2.0 Specification – Preface*, [<http://www.w3.org/TR/hdml20-3.html>], Unwired Planet, 04/11/1997, p. 1-2 discloses an introduction to another markup language targeted for use with handheld devices such as palm-type computers. Lowery, US 6,446,111 B1 filed 06/18/1999 discloses client-server communication using a limited capability client, such as palm-type computer, over a low-speed communication link. Nicolas et al., US 6,593,944 B1 filed 05/18/2000 discloses a viewing a Web page on a small-sized electronic display device. The disclosed invention can decompose a complicated HTML file into a format viewable on a palmtop computer. Fogarty, US 6,311,180 B1 filed 03/28/2000 discloses dynamically generating a display document to conform to a display device according to viewing preferences of a user of the display device. Greer et al., US 6,247,048 B1 filed 04/30/1998 discloses a system for transcoding character sets between Internet hosts and thin client devices over data networks.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter J Smith whose telephone number is 703-305-5931. The examiner can normally be reached on Mondays-Fridays 7:00am-3:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H Feild can be reached on 703-305-9792. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

PJS

September 26, 2003


JOSEPH H. FEILD
PRIMARY EXAMINER